

Sun Valley Watershed Stakeholders Group

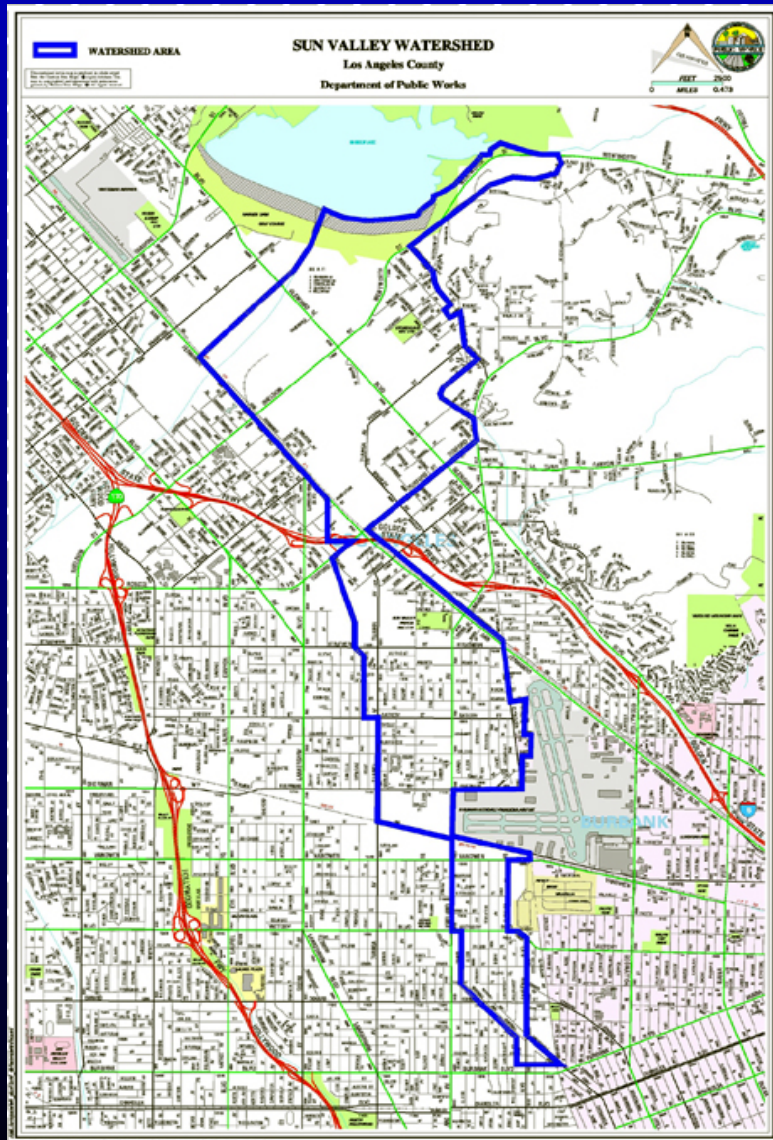
Town Hall Meeting

Flooding Solutions for Sun Valley

November 20, 2002



Sun Valley Watershed Background



- 2,800 acres (4.4 square miles)
- Tributary to the Los Angeles River
- Highly Urbanized
 - Active Gravel Mines and Landfills
 - Numerous Auto-dismantling Operators
 - Other Commercial and Industrial Land Uses

Flooding



Flooding



Traditional, Single Purpose Approach



Storm Drains to
Reduce Flooding



Developing New, Multipurpose Solutions



Pan Pacific Park

Working Together: Stakeholders

Sun Valley Watershed Stakeholders Group Mission Statement:

“...solve the local flooding problem while retaining all stormwater runoff from the watershed, increasing water conservation, recreational opportunities, and wildlife habitat, and reducing stormwater pollution.”



Over 65 Members At the Table

•LACDPW

•TreePeople

•CALFED

•LADWP

•Watermaster

•Vulcan Materials

•City Rec. & Parks

•LAUSD

•City of L.A.



•Elected Officials

•City of Burbank

•Property Owners

•RWQCB

•Community Groups

Town Hall Meeting Agenda

- ❑ Welcome
- ❑ Opening Remarks
- ❑ Stakeholder Introductions
- ❑ Progress Report
- ❑ Community Involvement
- ❑ EIR Process
- ❑ Rainy Season Planning
- ❑ Involvement Opportunities
- ❑ Closing Remarks

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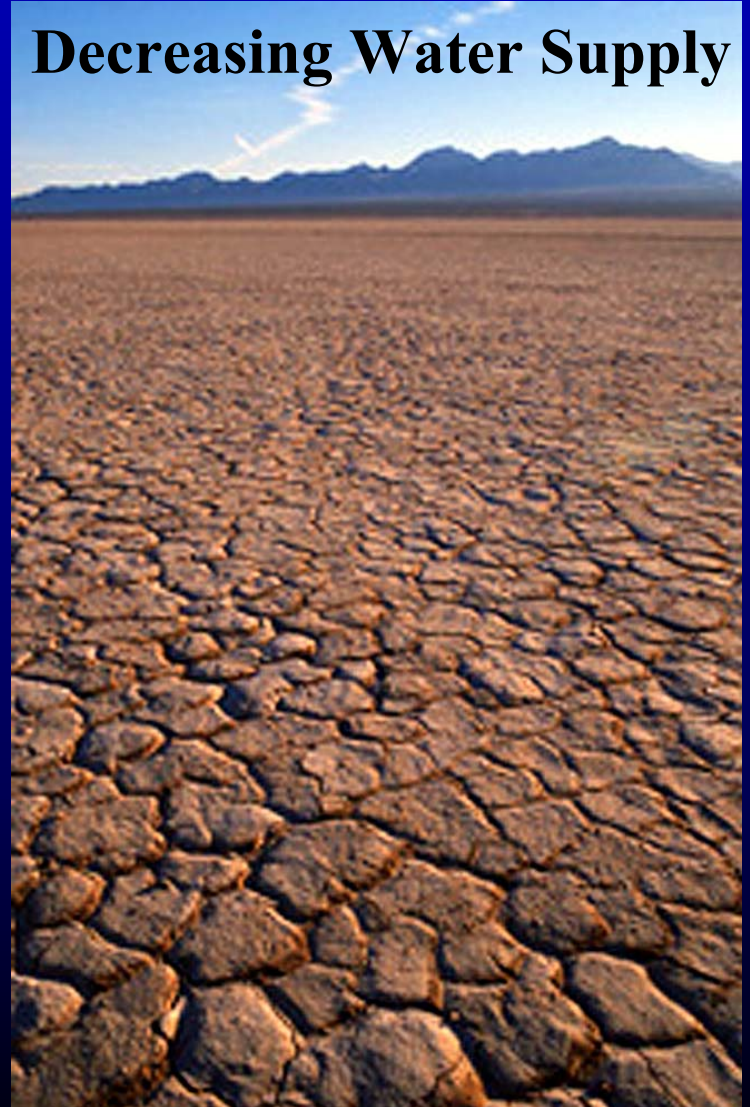
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Our Urban Situation: Problems

Flooding



Decreasing Water Supply



Our Urban Situation: Problems



Increased Water Pollution

Our Urban Situation: Problems

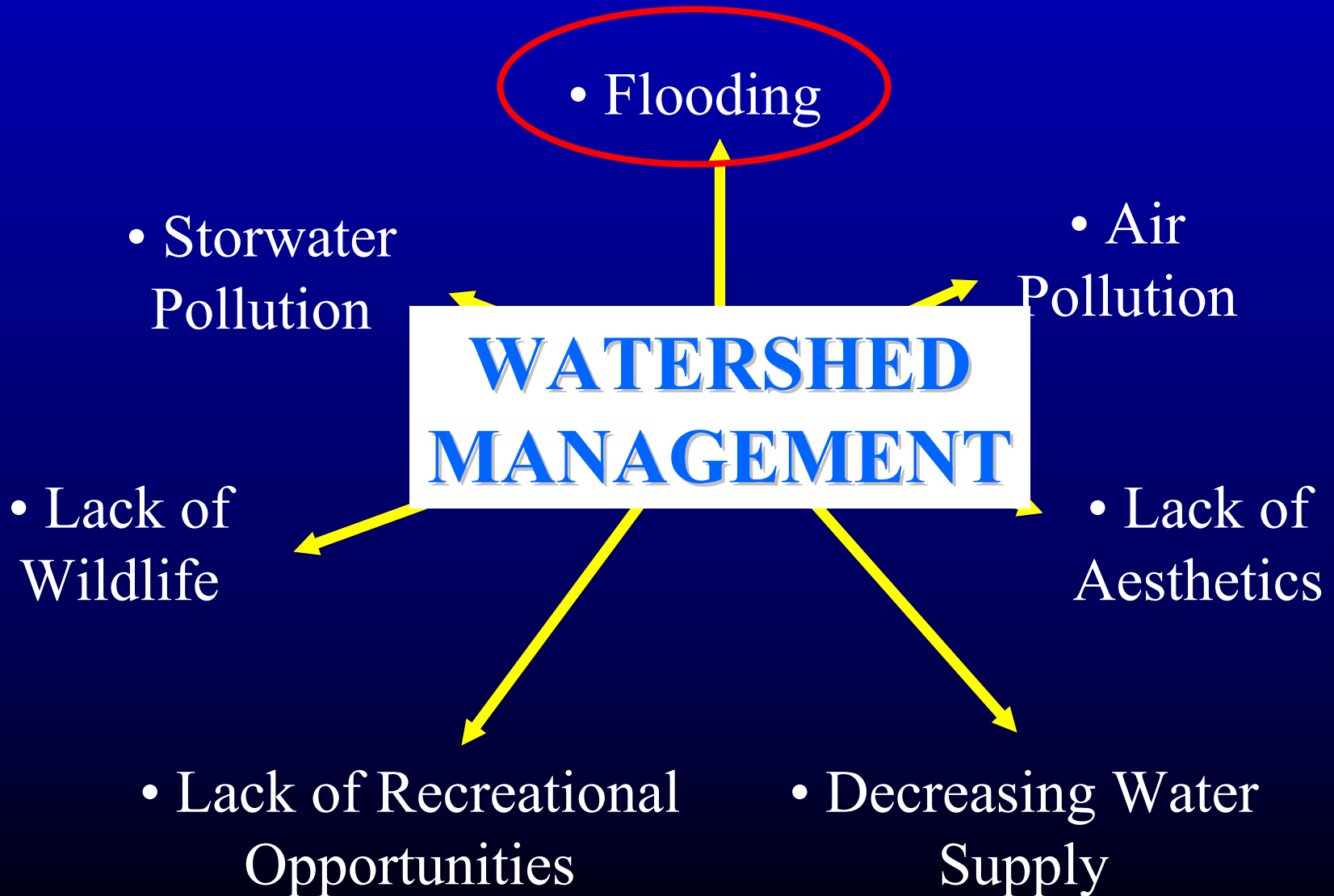


- Lack of Recreational Opportunities
- Lack of Aesthetics

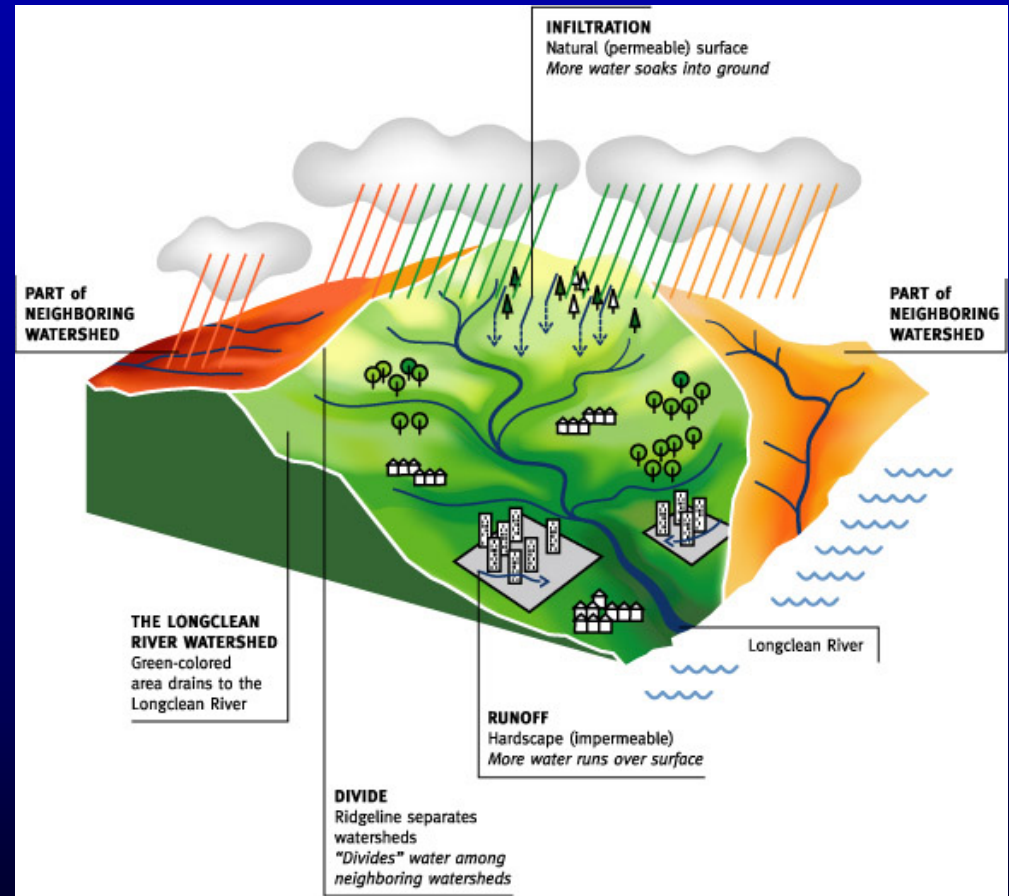
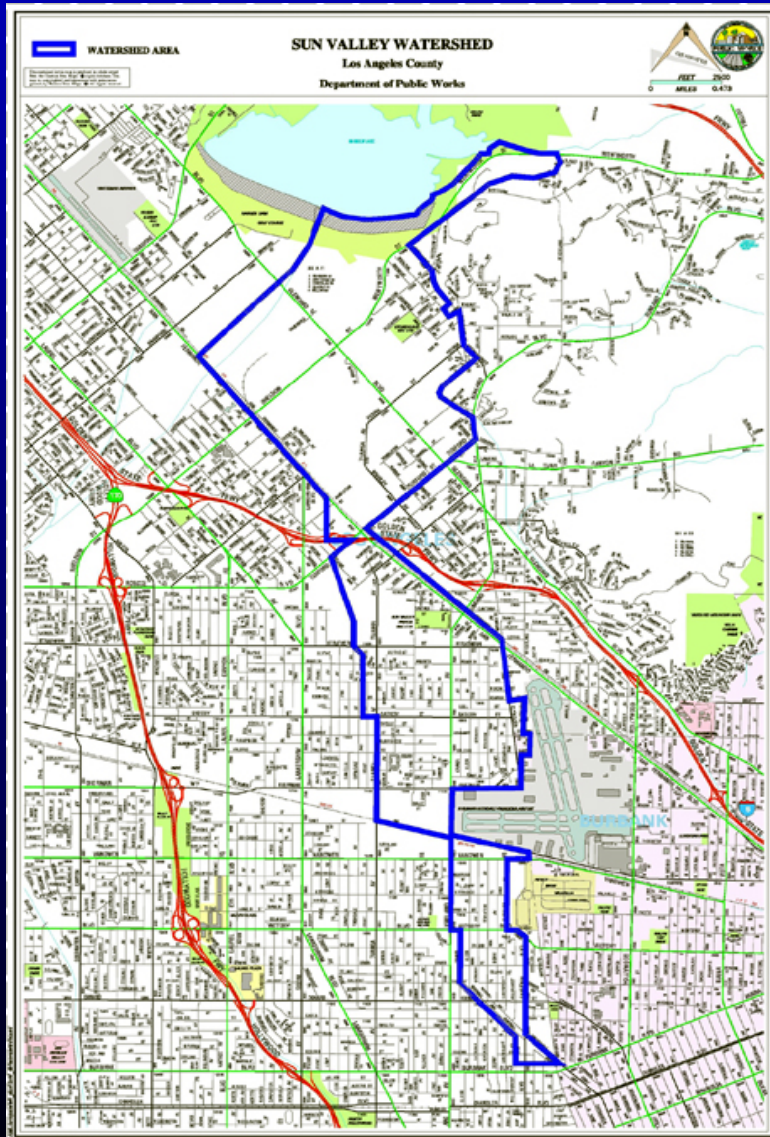
- Lack of Wildlife



Innovative Approach



Sun Valley Watershed



Sun Valley Watershed Stakeholders Group Mission Statement

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Interim Success



Interim Success;
Driveway

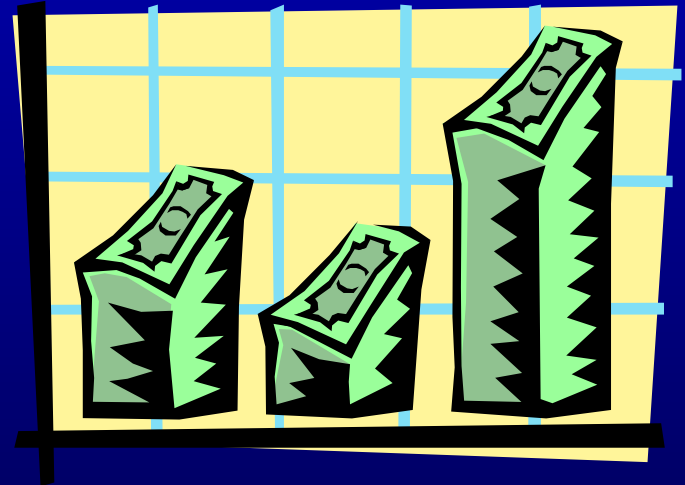
Progress We Can Celebrate

- Rainy season shuttle service at four Sun Valley elementary schools

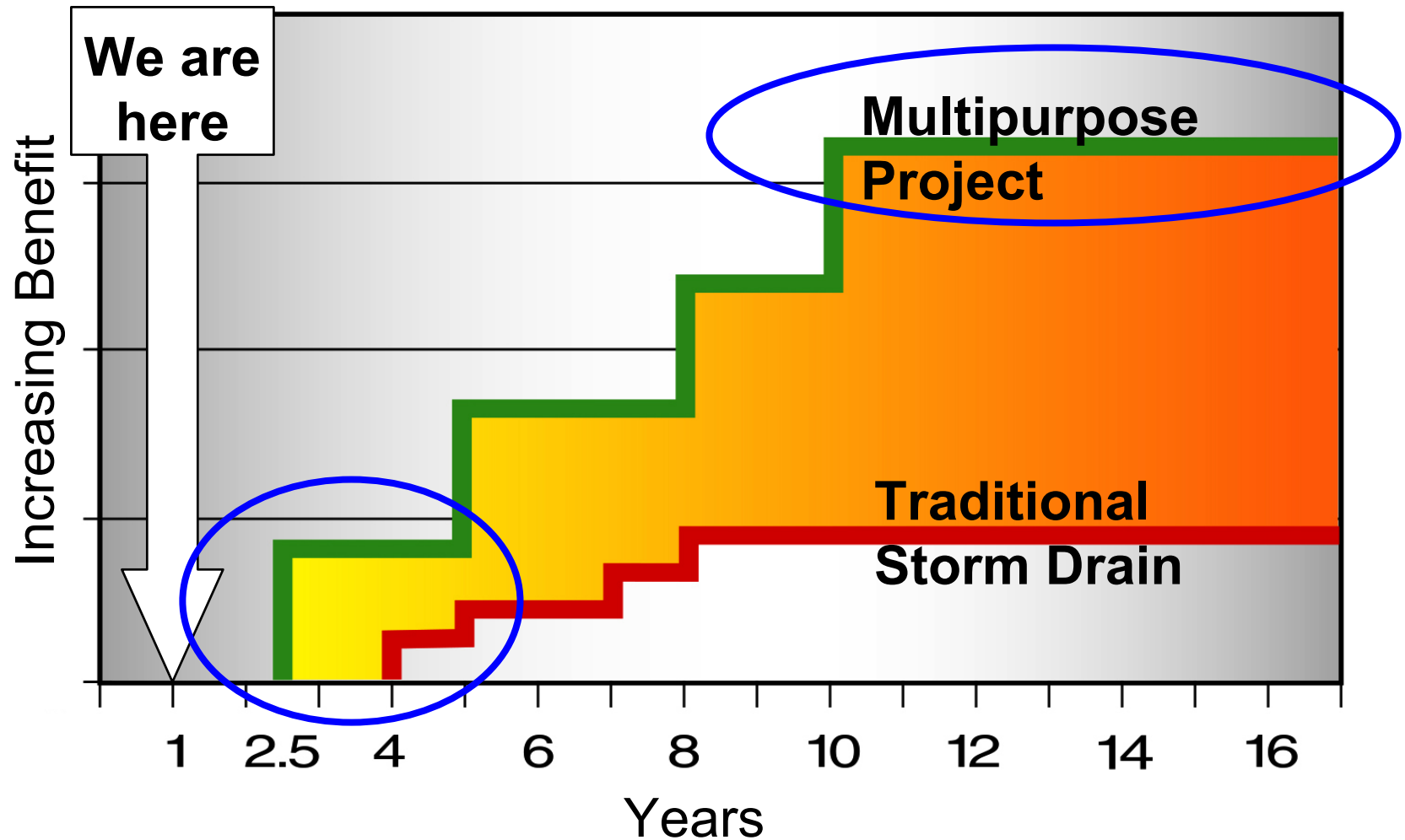


Funding Sources

- LACDPW
- CALFED
- MTA
- Murray-Hayden
- AQMD
- DWP
- Propositions 12, 13, 40, and 50



Traditional vs. Multipurpose Projects



Sun Valley Watershed Phase I Projects



Valley Steam Plant

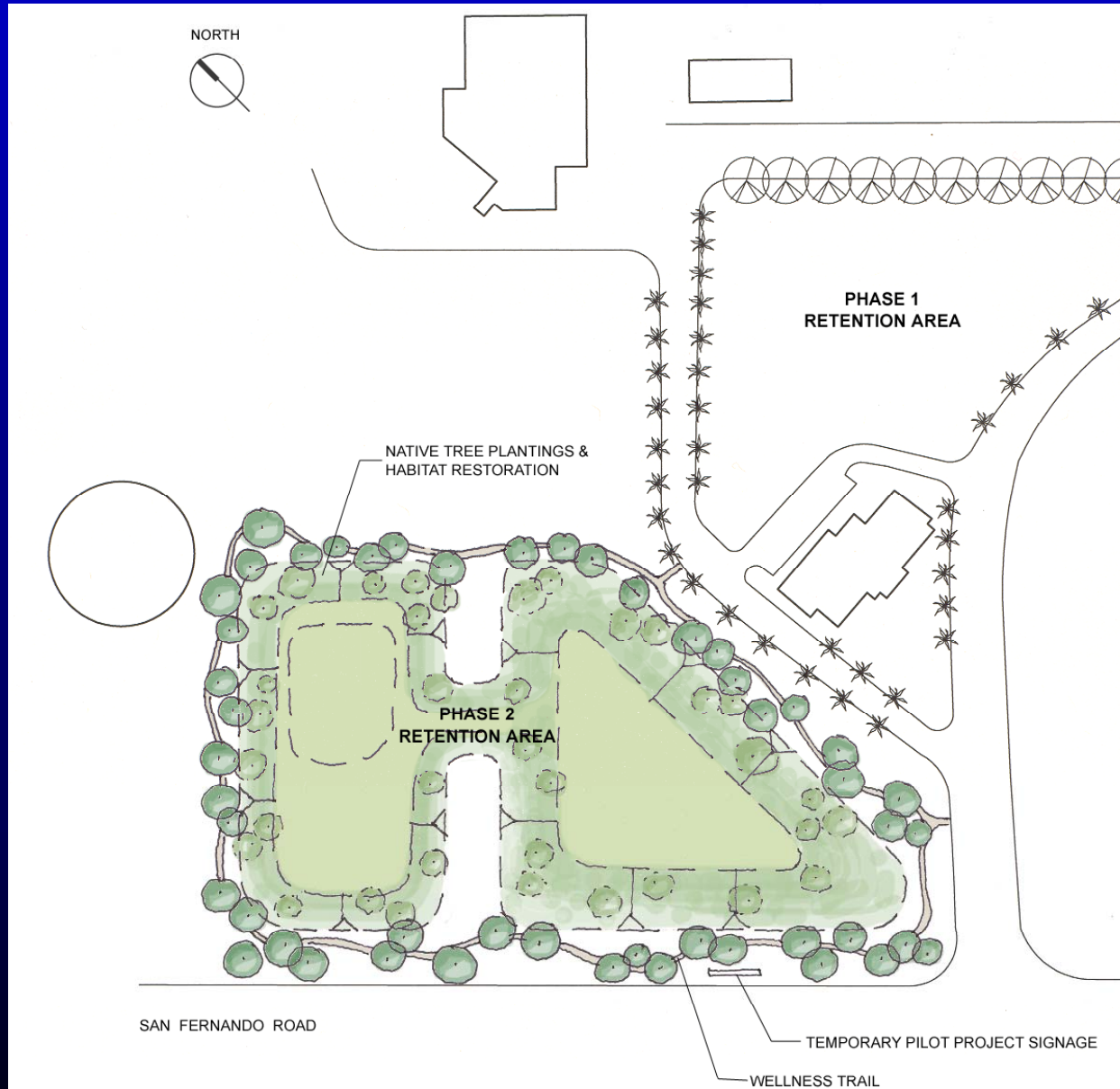


Steam Plant



- Retains, treats, and infiltrates/stores onsite runoff

Steam Plant



- Retains, treats, & infiltrates/stores onsite & offsite runoff

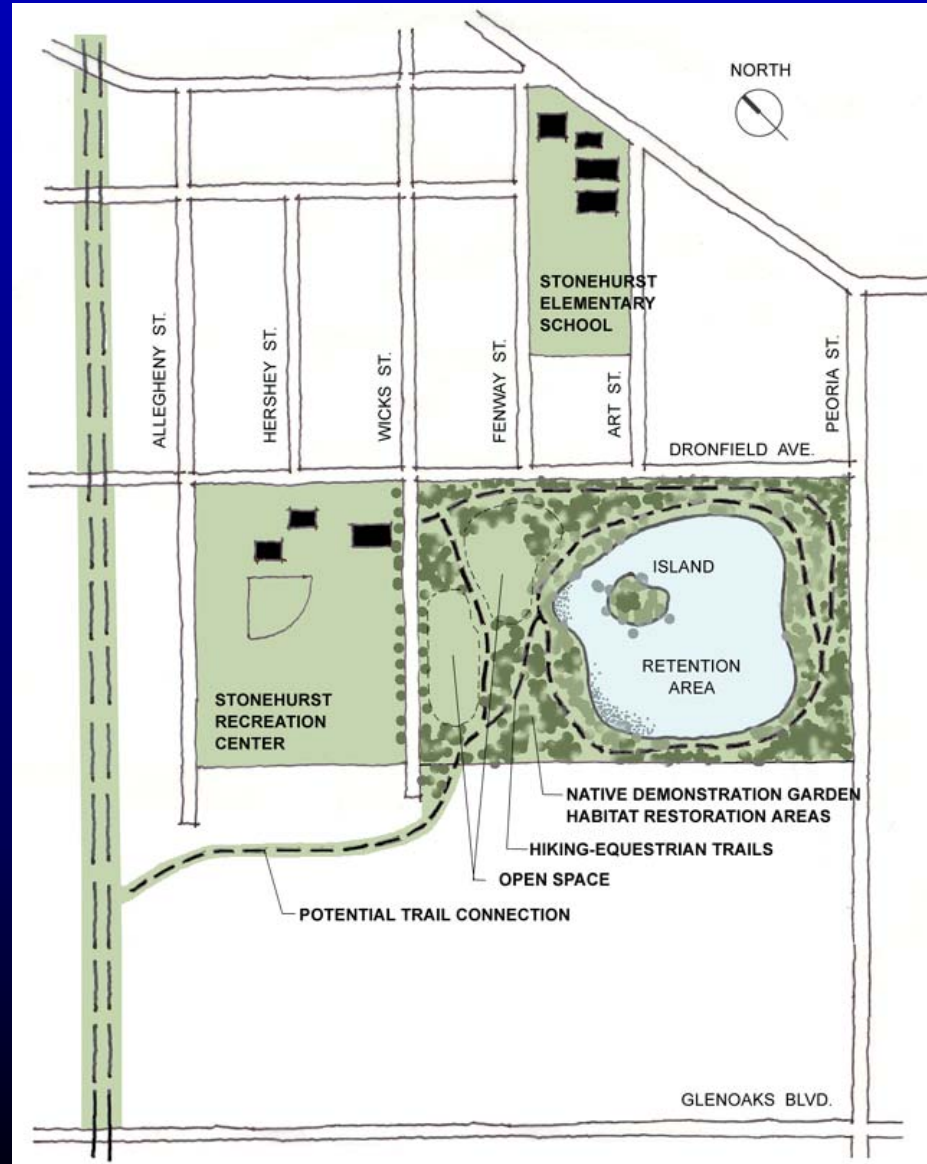
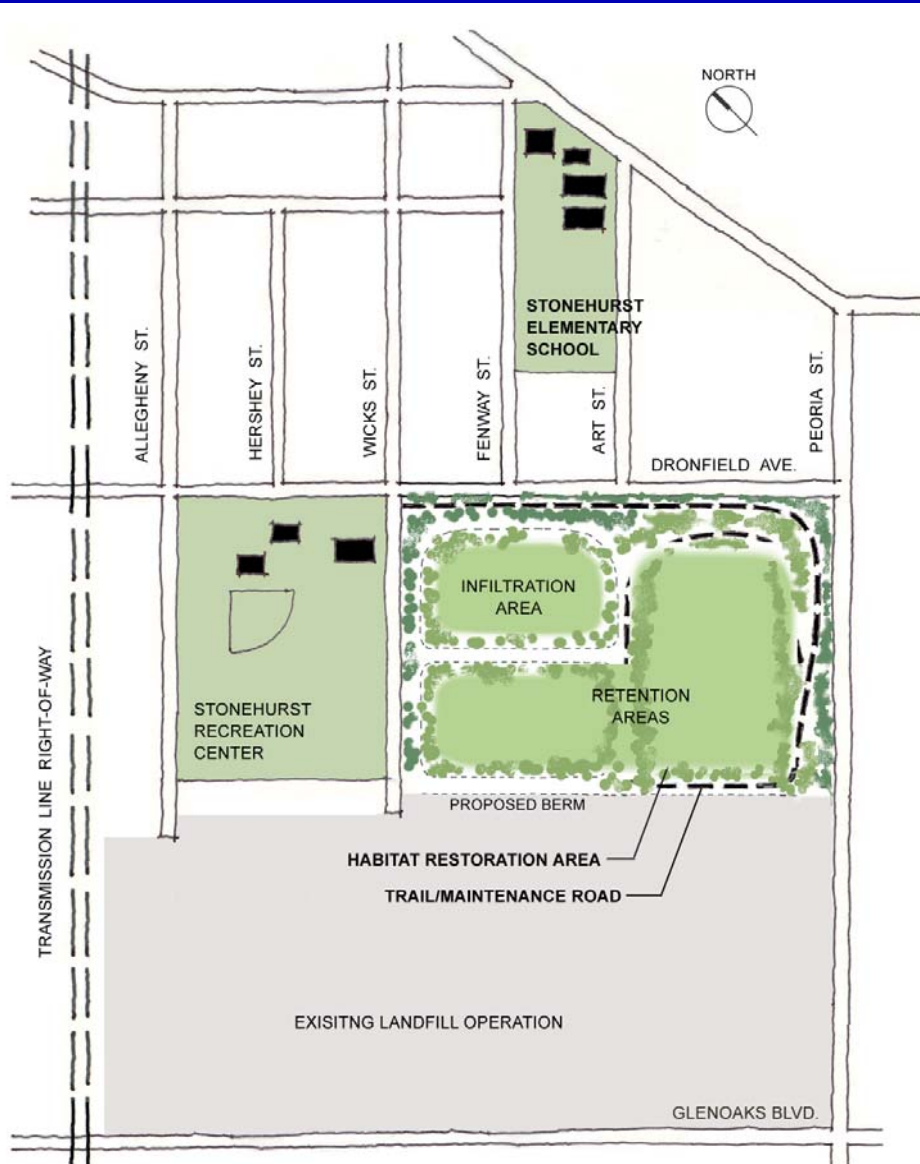
CalMat Pit



From Pit...



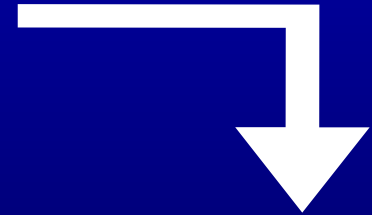
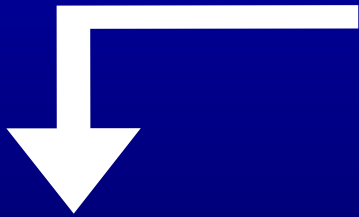
...To Park



Examples: Butchart Gardens



Examples: Marina Park



Gravel Processing Plant



Gravel Processing Plant

- Capture and Reuse Water
- Reduce Flooding at San Fernando and Tuxford



“Tuxford Green”



“Tuxford Green”

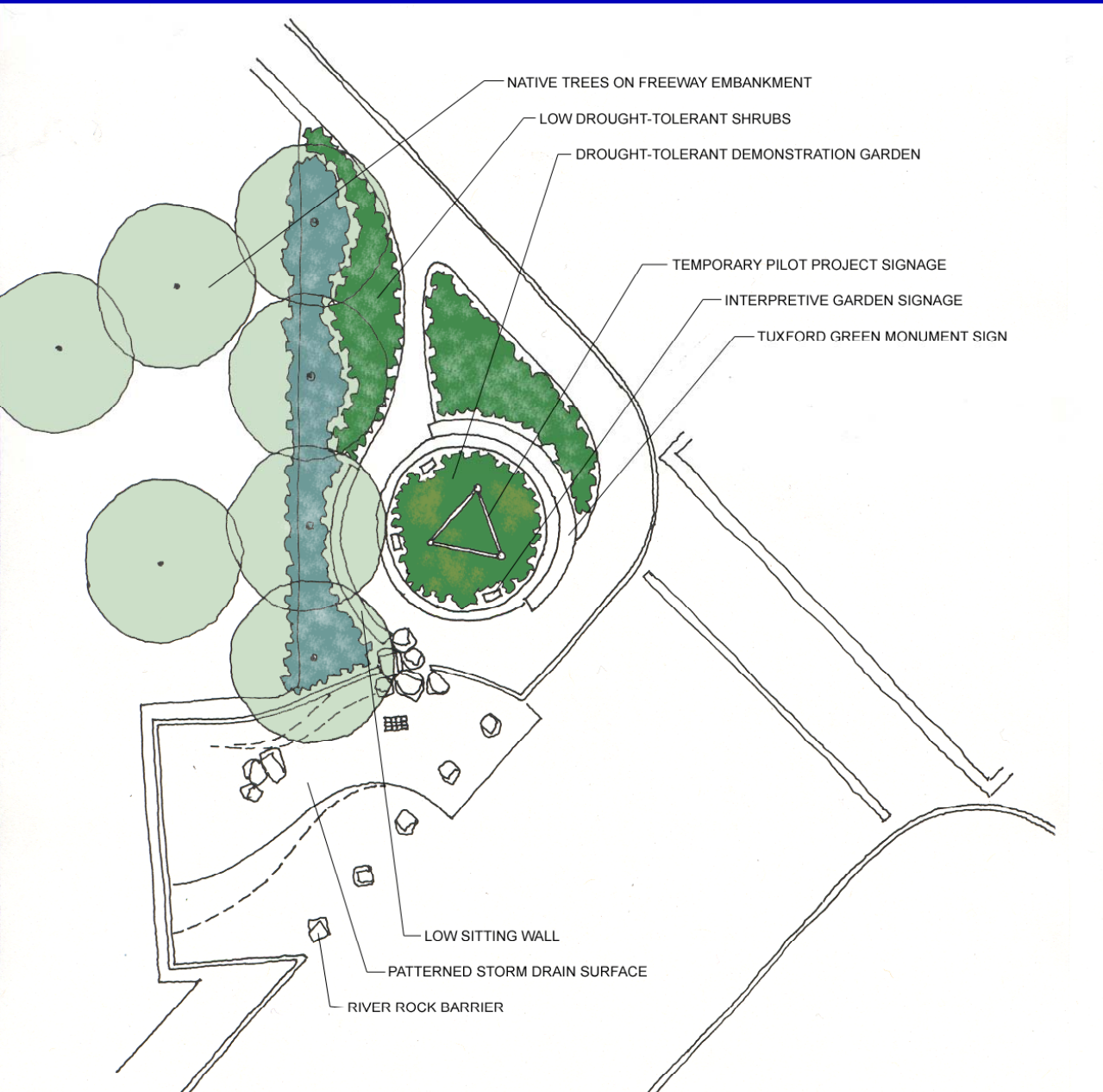


Flooding hotspot

Recent Light Storm (11/8/02)



“Tuxford Green”



- Underground storage tanks
- Landscaping
- Reduced flooding at intersection

“Tuxford Green”



BEFORE: TUXFORD & SAN FERNANDO ROAD



AFTER: TUXFORD & SAN FERNANDO ROAD

Park Pilot Project

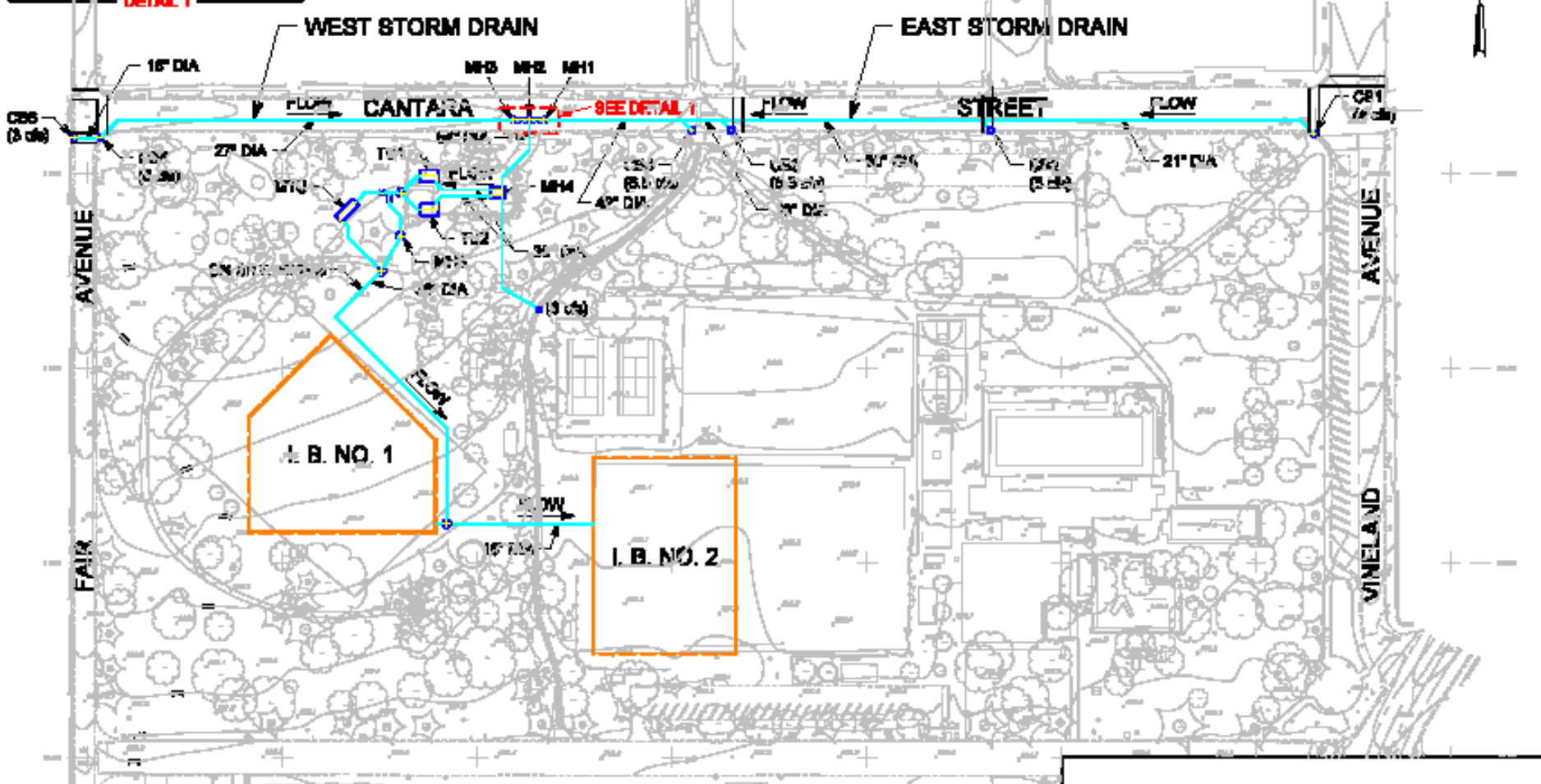
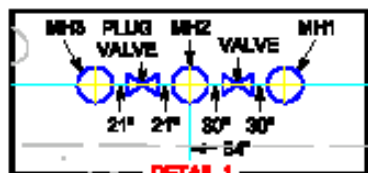


Cantara St

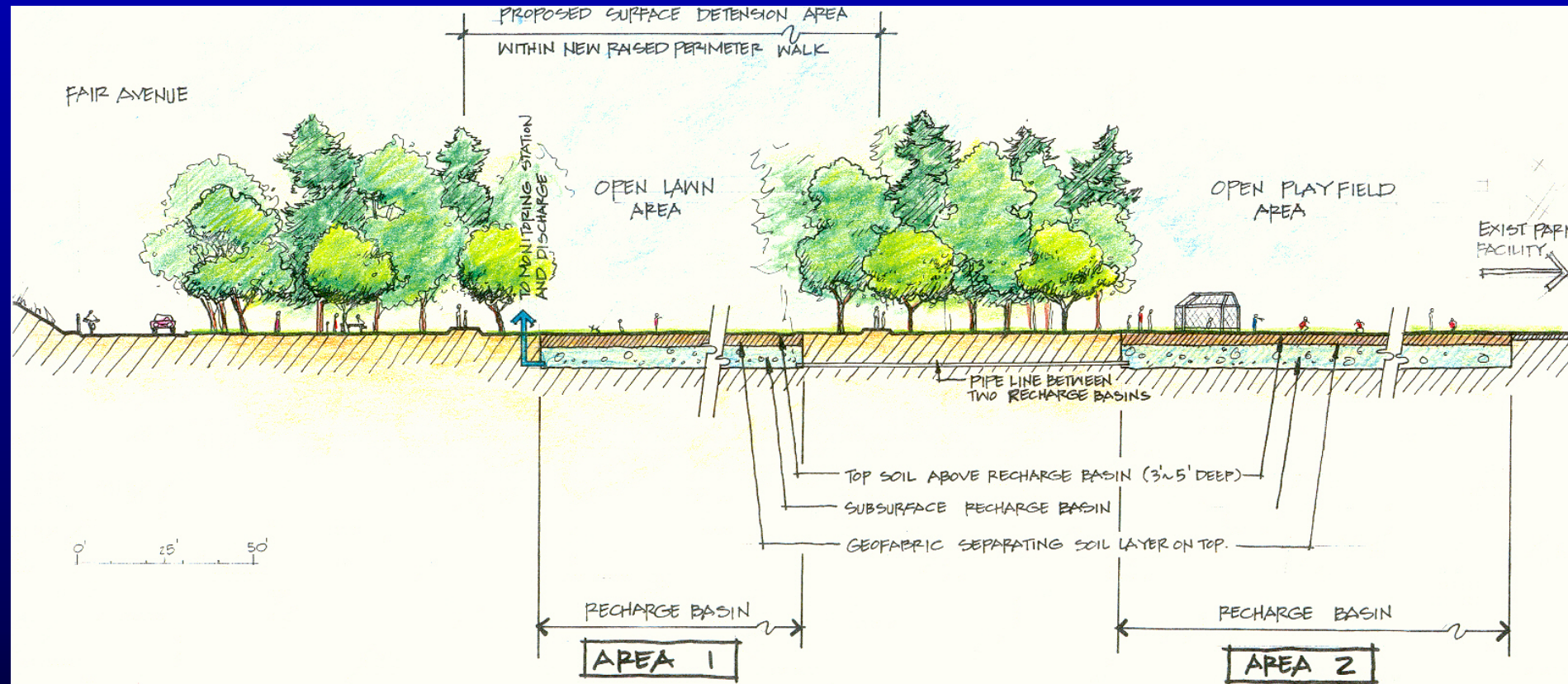
Vineland Ave

Fair Ave

Lorne St



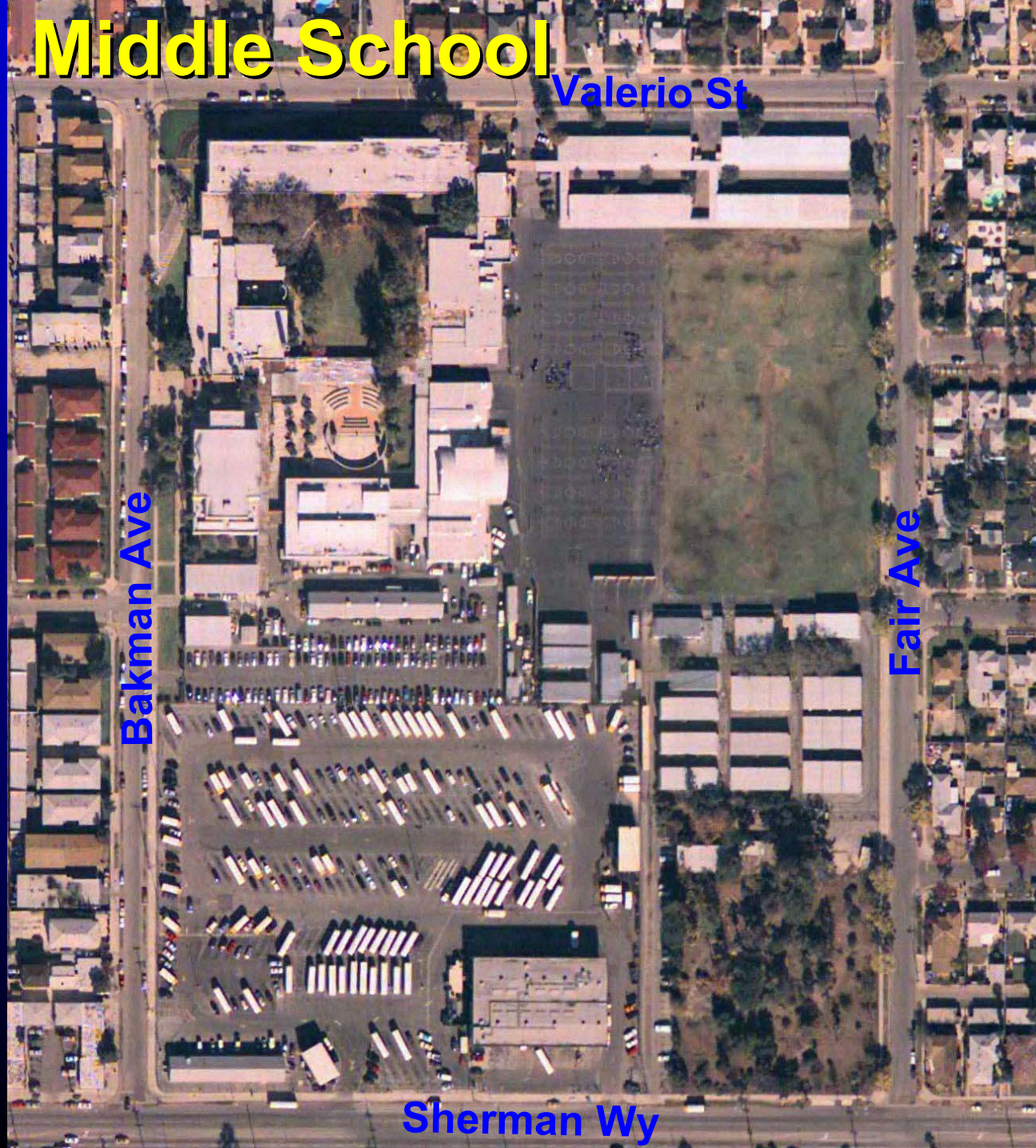
Park Pilot Project



SUN VALLEY PARK RECHARGE BASINS

NOT TO SCALE

Middle School



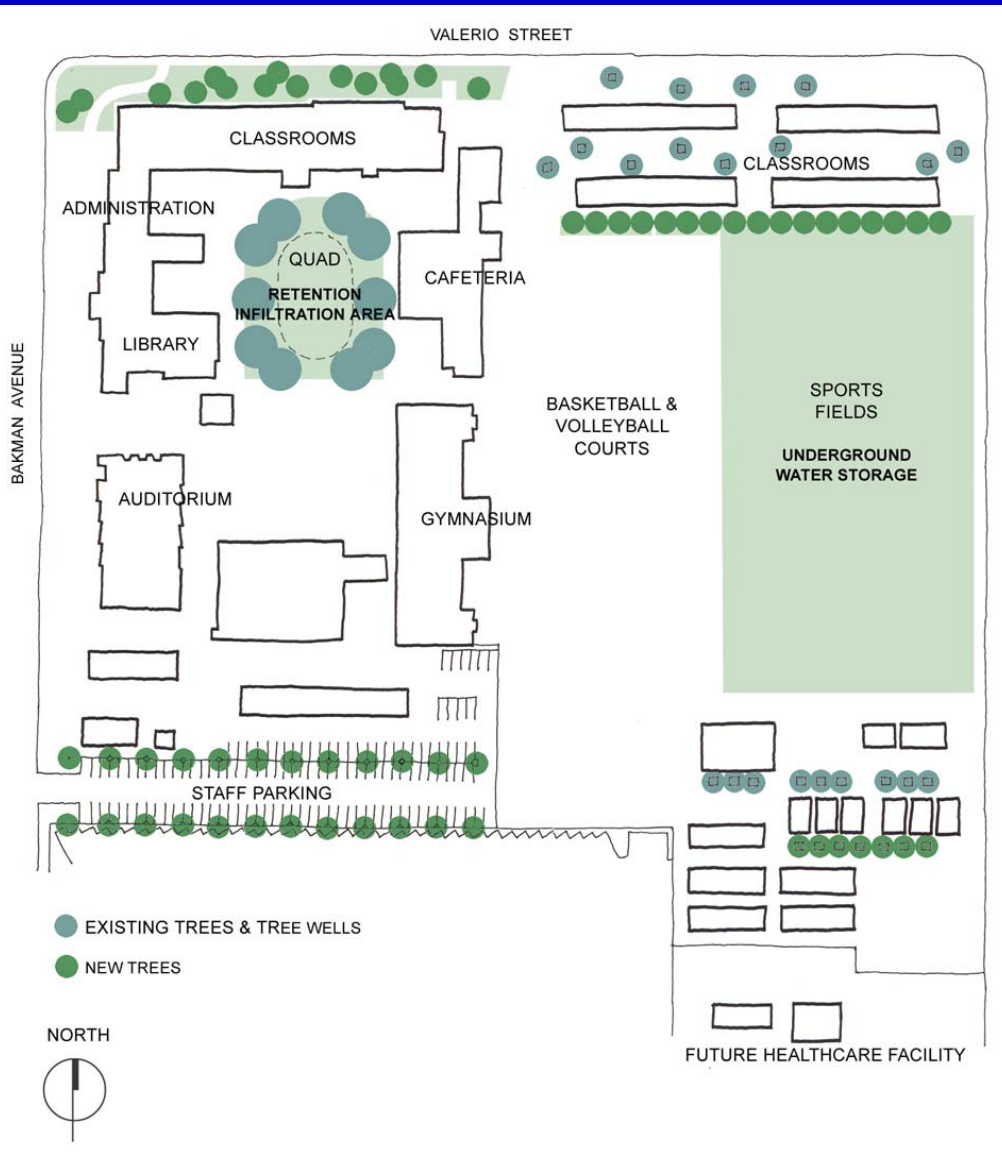
Valerio St

Bakman Ave

Sherman Wy

Fair Ave

Middle School



- Ability to store and recycle water for landscaping.
- Opportunity to green the school and decrease water and electricity usage.
- Opportunity for education program and tree planting.

Middle School



Sports field before



Quad before



Sports field after

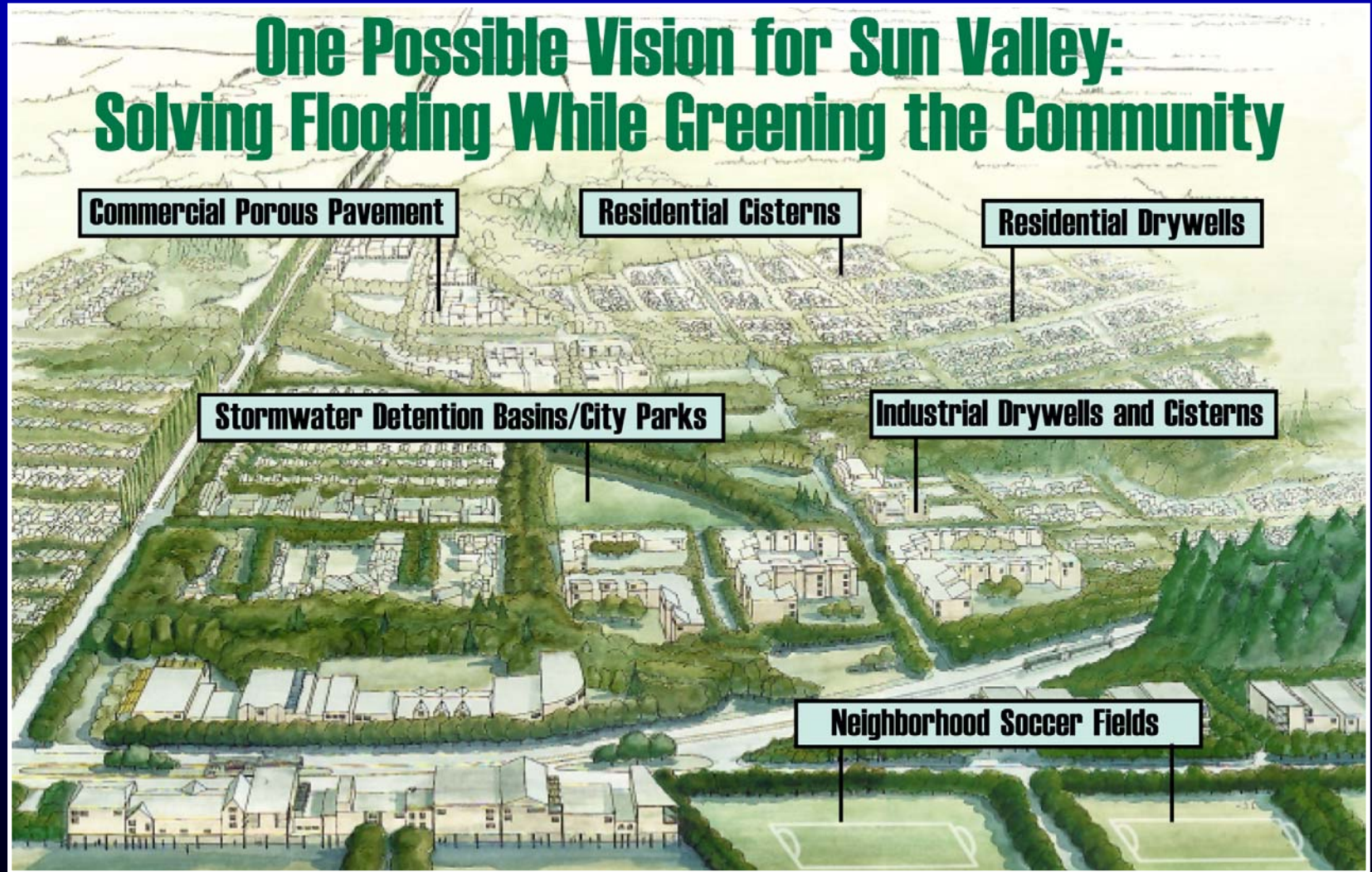


Quad after

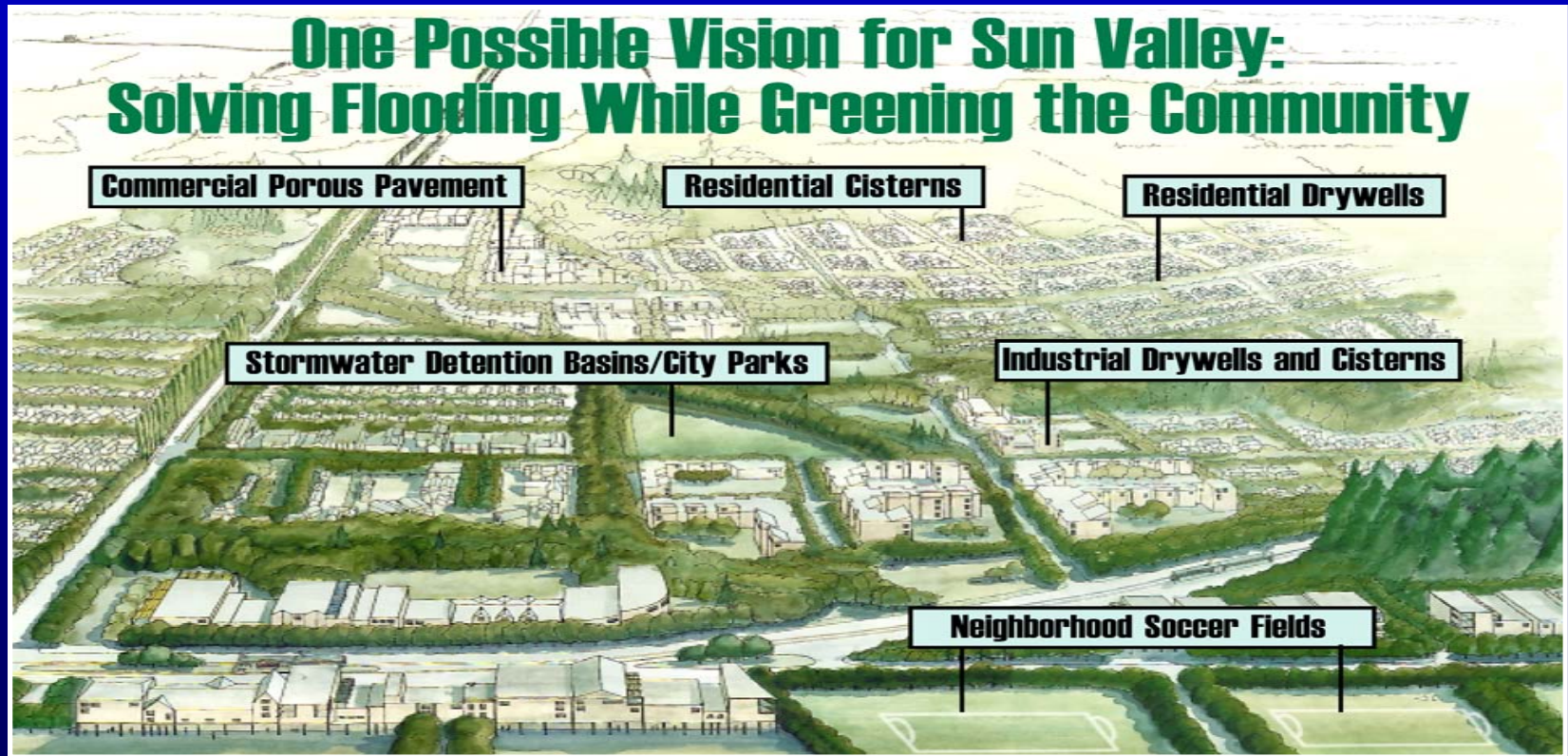
Sun Valley Watershed Phase I Projects



Sun Valley Watershed Management Plan



Sun Valley Watershed Management Plan



The mission of the Sun Valley Watershed Stakeholders Group is to solve the local flooding problem while retaining all stormwater runoff from the watershed, increasing water conservation, recreational opportunities, and wildlife habitat, and reducing stormwater pollution.

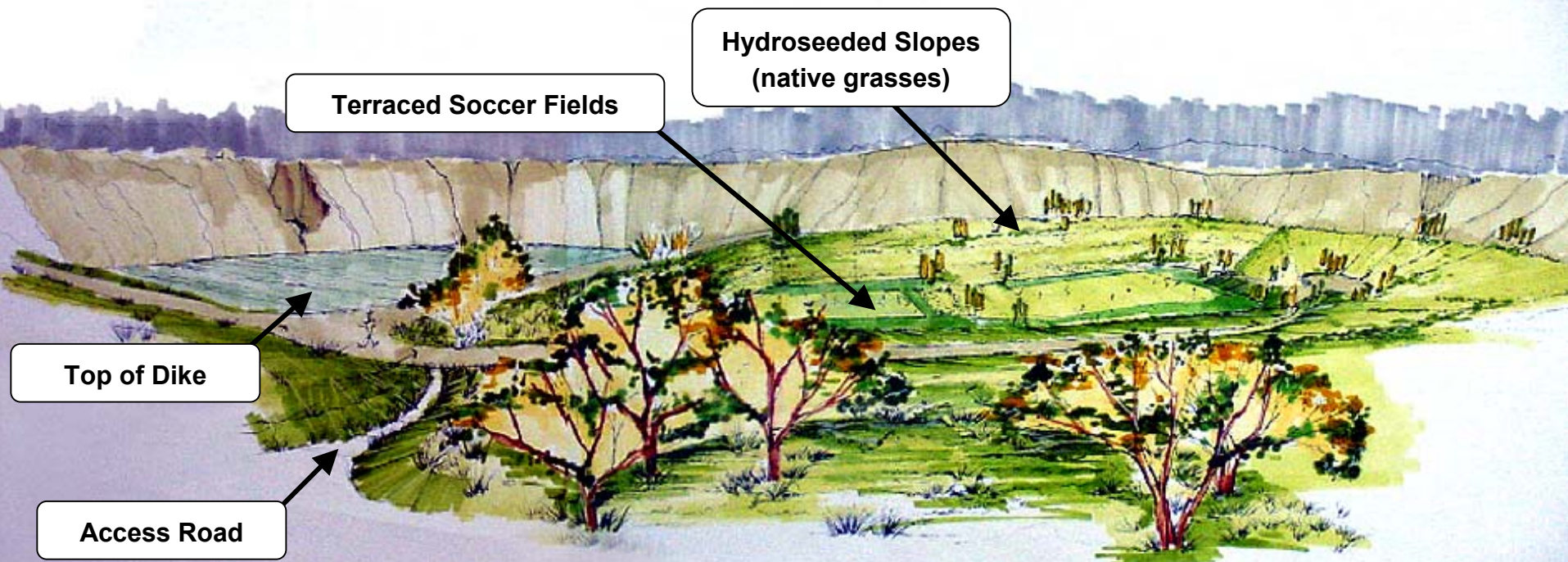
Alternative Analysis Process

- Opportunities Identified throughout watershed
- 22 alternatives considered
 - Each alternative contains a different set of components to reach goals of mission statement.
- Alternatives narrowed down to six
- Alternatives narrowed down to four
 - Current stage in process
- Determine costs and benefits of each alternative
- Choose preferred alternative

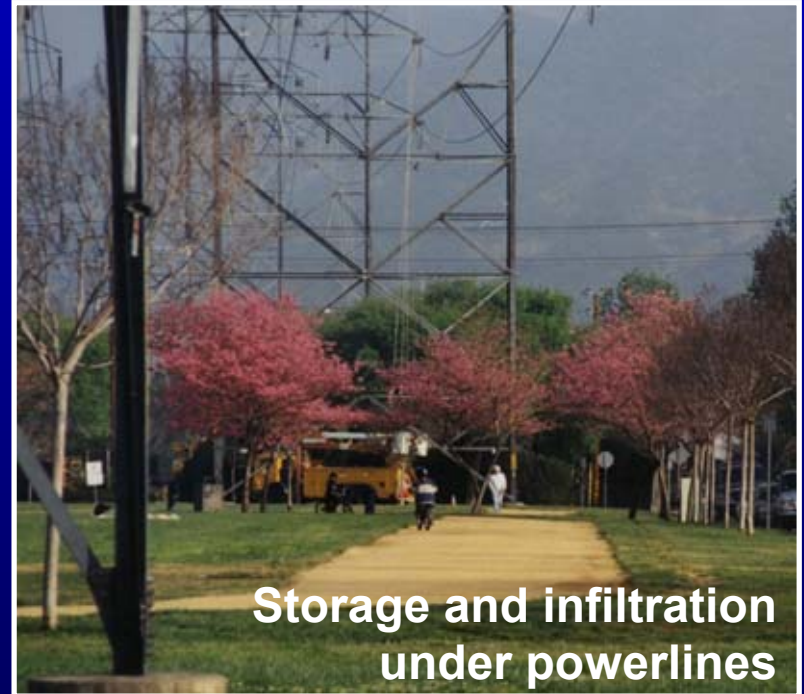
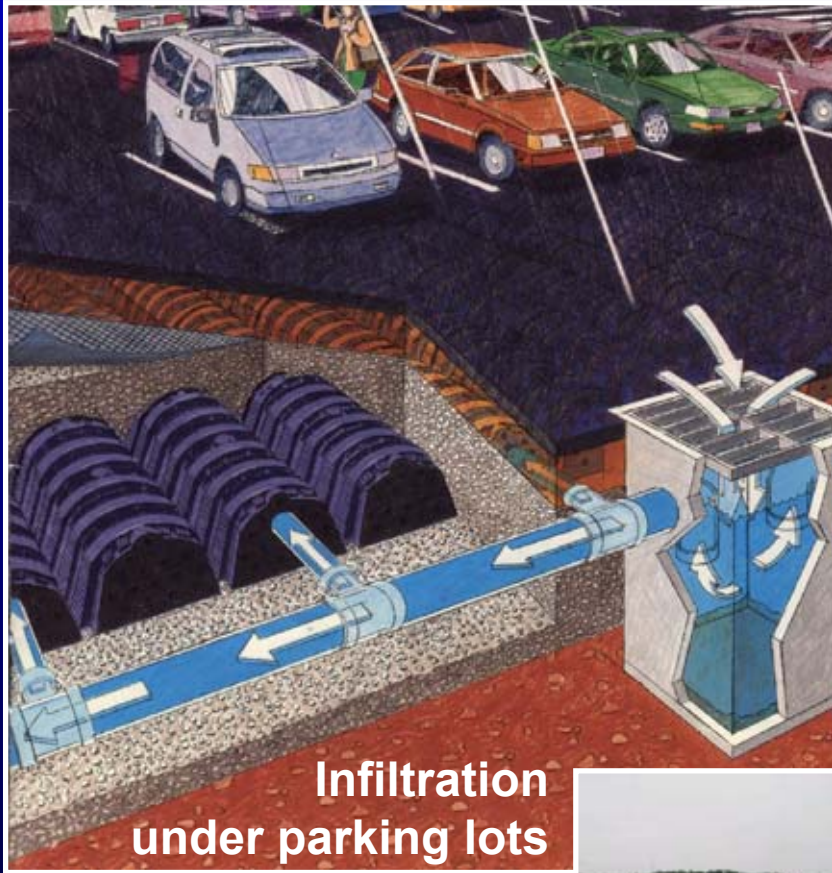
Project Opportunities



Project Component Example



Project Component Examples



Project Component Example

Multipurpose Stormwater Retention Facility - Fresno Little League Park



LA County DPW Vision: Sun Valley Pilot Project moves one step beyond TreePeople's Hall House



Click on screen for video clip

Project Components Example

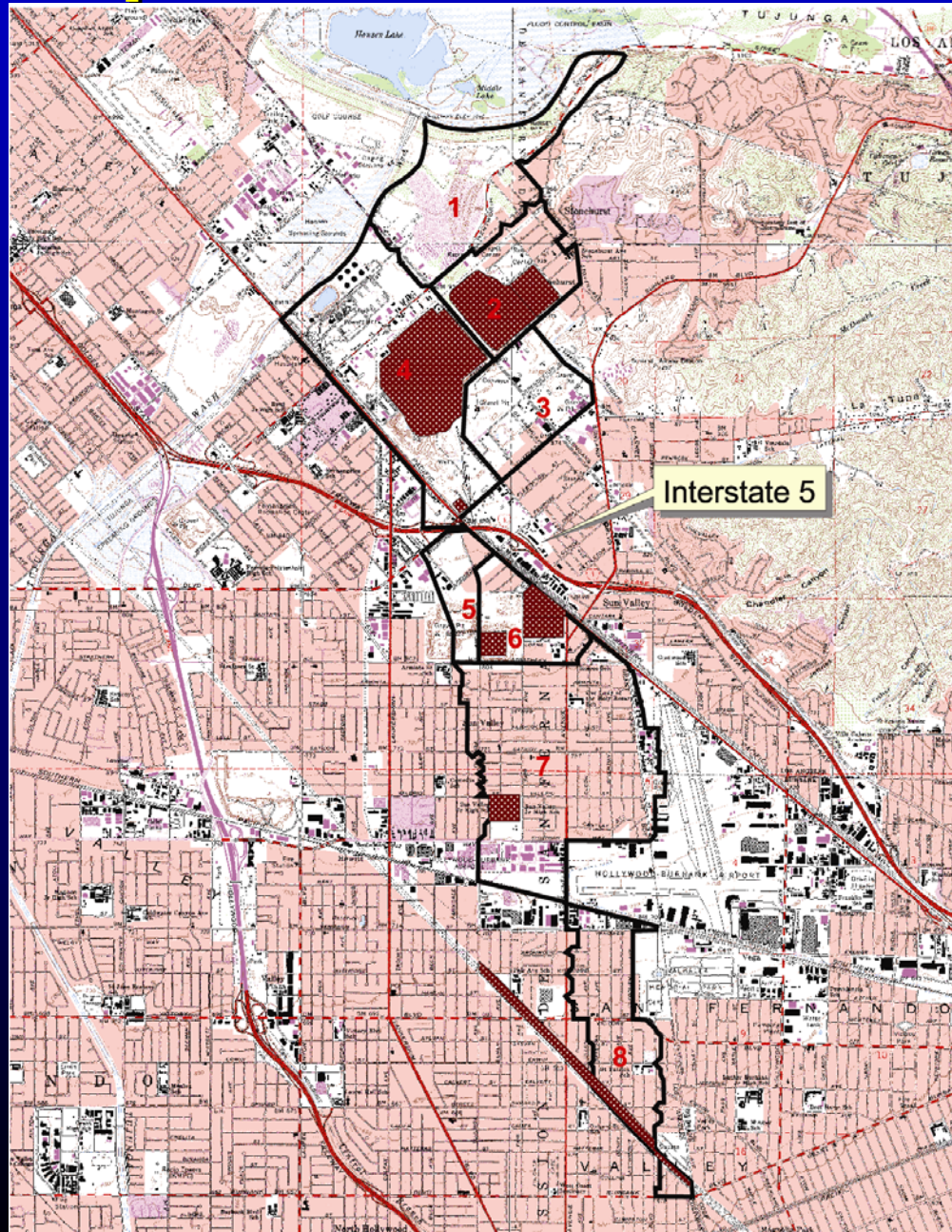


Existing Gravel Pit in Sun Valley



Wetland and
nature area

Example Overall Alternative



Preliminary Cost Benefit Analysis

Multipurpose Benefits:

■ Flood Control \$48 M

■ Water Conservation \$32 M

■ Pollution Reduction \$71 M

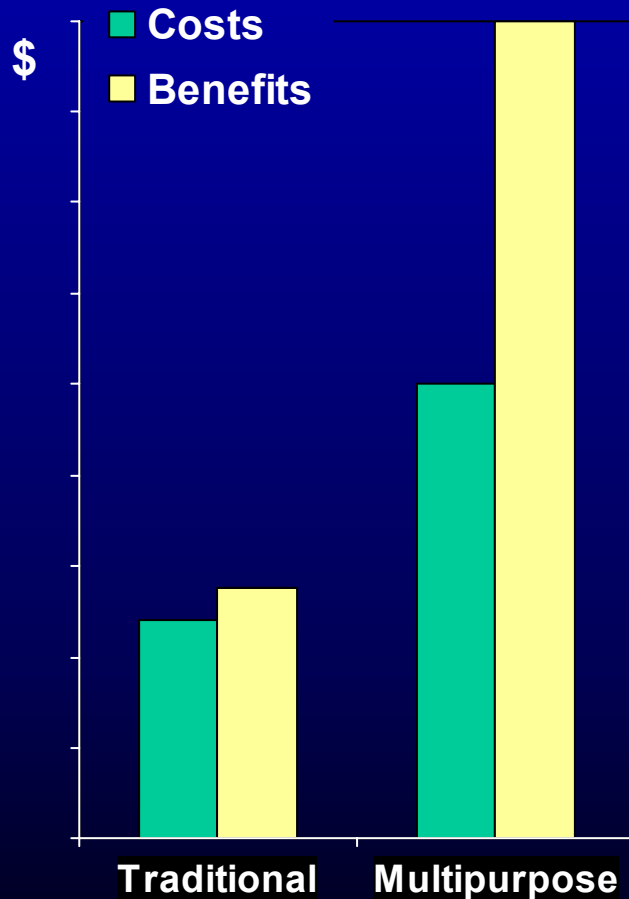
Other benefits not quantified:

■ Additional Recreational Areas

■ Energy Conservation

■ Improved Air Quality

■ Additional Wildlife Habitat



Multipurpose Costs:

\$100 - 150 M

Funding for Traditional Approach



Potential Funding Partners for Multipurpose Approach



California Environmental Protection Agency
STATE WATER RESOURCES CONTROL BOARD



Metropolitan Water District
Department of Water Resources
LADWP



**US Army Corps
of Engineers®**



**CALFED
BAY-DELTA
PROGRAM**



Town Hall Meeting Agenda

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- ✓ Progress Report

☐ Community Involvement

- ☐ EIR Process
- ☐ Rainy Season Planning
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Engaging the Community



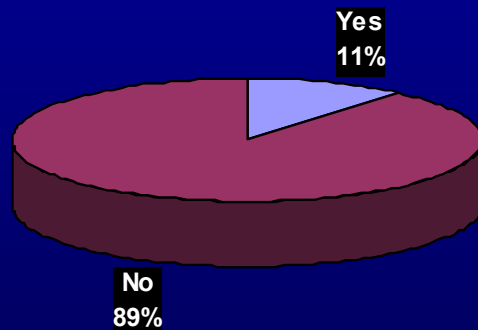
**Outreach and Education
for the Sun Valley
Watershed Retrofit Project**

TreePeople's Task

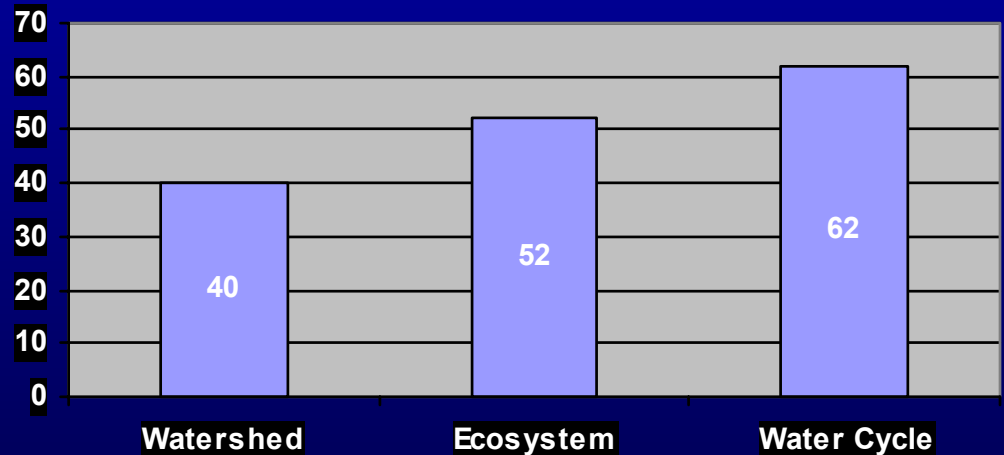
- Educate the public about watershed issues and alternatives
- Promote a sustainable solution
- Involve you in the decision-making process
- Give you assistance to help you make a difference in your community!

Assessing Watershed Literacy

Awareness of “New Effort to Address the Flooding Problem”



Percent Familiar With Each Term

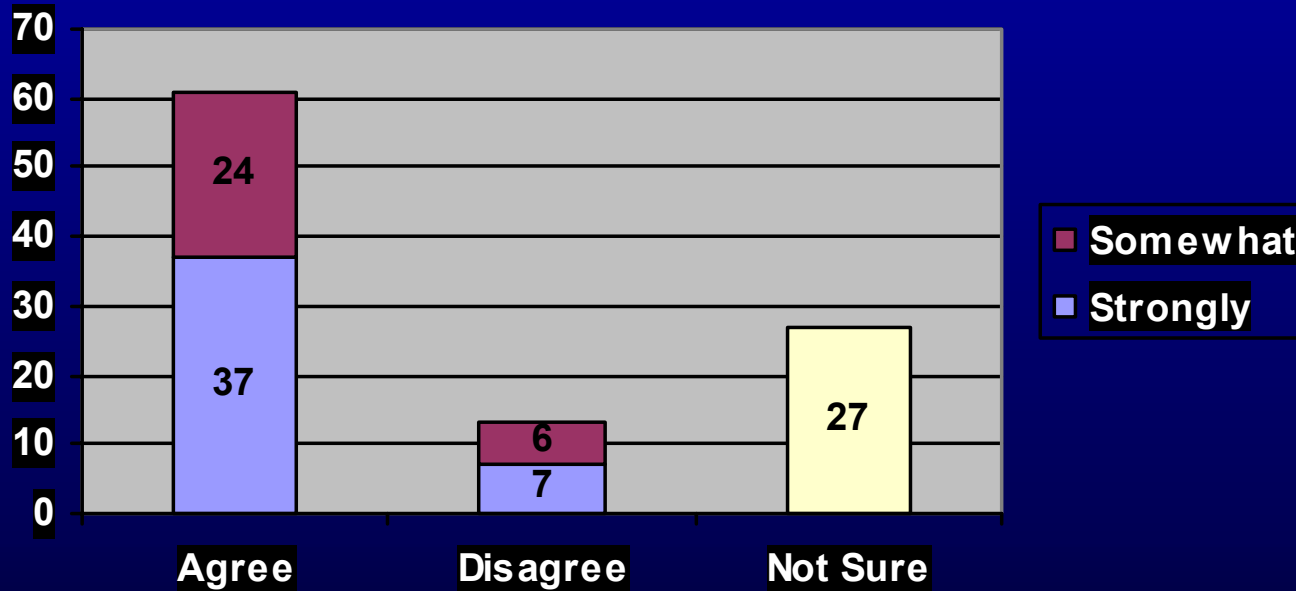


Pre-project polling established a baseline

Post-outreach polling will measure success

Baseline Polling

Statement: Much Of The Water Supply For Your Area Comes From Northern California.



Women are more likely to be unsure about this than men: 32 percent of women are not sure, compared to 22 percent of men. Homeowners (66%) are more aware of Northern California as a source of water than renters (54%). Men over age 55 (87%) are far more aware than younger residents or older women.

Spreading The Word

the Sun Valley Watershed Stakeholders Group

Watershed Events

Volume 1, Number 1

Spring 2001

Something Incredible is Happening in Sun Valley!

The Sun Valley Watershed Stakeholders Group is proud to present to the community this first issue of its newsletter. The group was formed in 1995 to examine the critical flooding in the Sun Valley area and advise solutions that would also conserve water, reduce pollution, benefit the community and increase park value. Finding these solutions and putting them in place will require the local knowledge, ideas and input of Sun Valley residents. The purpose of this newsletter is to set that input, and to provide progress reports and watershed news to the community.

Anyone who's lived in the area for any length of time knows that seasonal flooding is a serious problem here, and one that is far more so here during wet years. For many years the County government struggled to find funds for a traditional storm drain. More recently, other solutions have been proposed that could begin addressing flood problems sooner and provide more long-

[Algo increíble está ocurriendo en Sun Valley!]

Es un placer para el Grupo de Involuntarios de la Cuenca de Sun Valley presentar a la comunidad a primera edición de este boletín informativo. El Grupo fue creado en 1995 para investigar las inundaciones en el área de Sun Valley y promover soluciones que pudieran conservar agua, disminuir la contaminación, embellecer la comunidad y aumentar el valor de las áreas de recreación. Encontrar estas soluciones y el apoyo de los residentes son necesarios para encontrar las soluciones a este problema. La intención de este boletín es solicitar información, proporcionar reportes sobre el progreso y dar información sobre la cuenca a la comunidad.

Cualquier persona que ha vivido en el área por algún tiempo sabe que las inundaciones durante la temporada de lluvias son un problema muy grave que lleva una considerable inversión de solución. Qué es diferente hoy? Por primera vez algunas alternativas reales, no gubernamentales y negociables

See InsideWV, page 21

See InsideWV, page 21



Vulcan Completes Storm Measures at Area Middle School

While the Group's purpose is to develop permanent solutions to local flooding, we recognize that there are many problems which require immediate solutions. One example is the impediment of school grounds during flood events. Runoff from areas problems have been a particular headache for parents, children and teachers at Sun Valley Middle School. Flooding in the drop-off area along Bascom Avenue has made it difficult or impossible for kids to stay dry between car and classroom.

Due to the efforts of Vulcan Materials, however, this headache could be history. The concrete, which makes and laid gravel in the area, recently constructed a semi-circular driveway that gets cars past the drinking water and dry high ground. Though the need for the driveway had been discussed at committee meetings for several months, it took an all-out effort could be done before the time began. Vulcan grabbed the bill and car with it, finishing the driveway in record time. A major task the labor was directed by Vulcan, so there was no conflict of claims or the school district. Thank you, Vulcan Materials!

The mission of the Sun Valley Watershed Stakeholders Group is to reduce the local flooding problem, while retaining all water entering basins from the watershed, increasing water conservation opportunities, and reducing flooding problems.

La misión del Grupo de Involuntarios de la Cuenca de Sun Valley es reducir las inundaciones locales y a la misma vez mejorar todos los aguas de media en la cuenca: conservar el agua, crear oportunidades para áreas de recreo y parques, reducir la contaminación.

Watershed Events

a quarterly newsletter
in English & Spanish

Educational Brochure

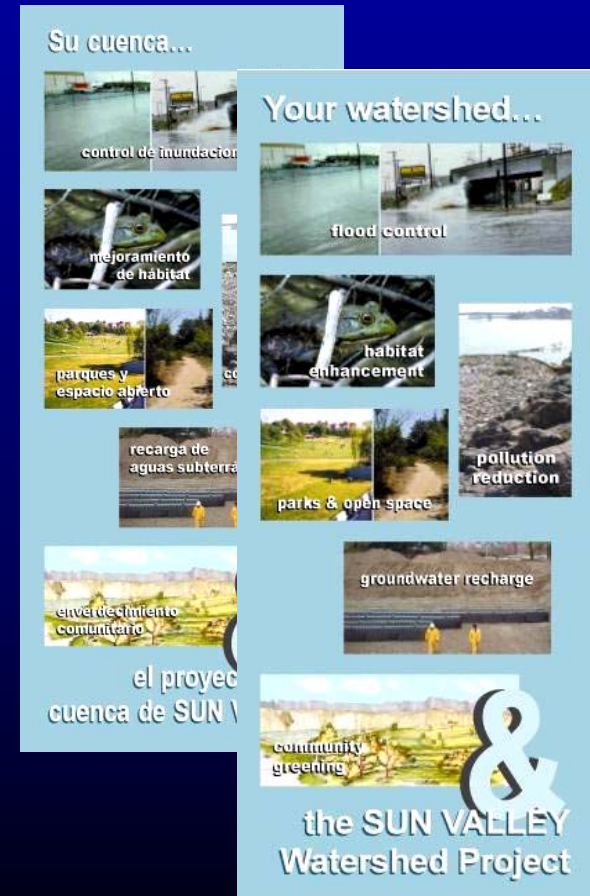
English & Spanish versions

General watershed awareness

- What is a watershed?
- Why does it matter to you?
- the Bay-Delta/So Cal connection

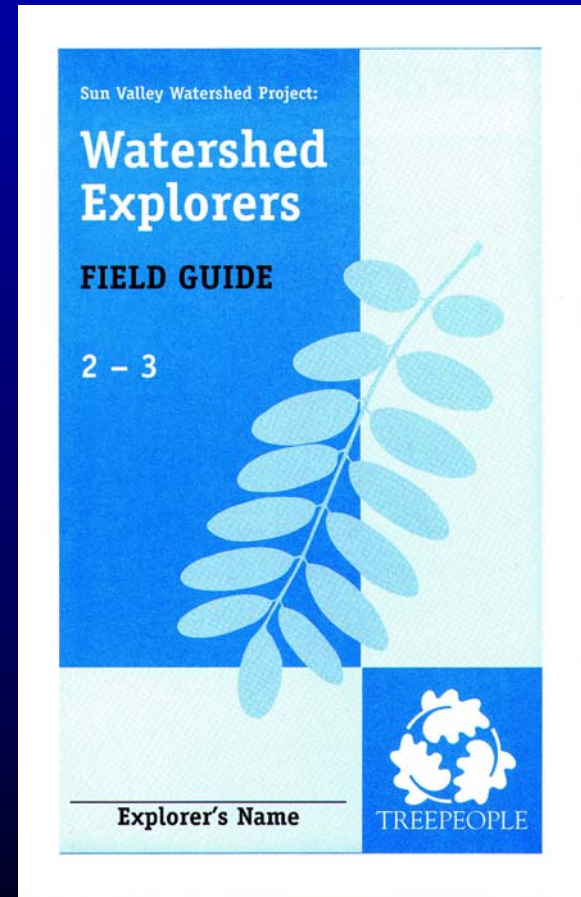
The Sun Valley project

- Sustainable watershed management
- Potential benefits to the community
- Get involved



In-School Education

- Classroom presentations
- Student activity booklets
- Environmental service learning Projects





Broadous Elementary School

a Green Team proposes...





Shading the AC units benefits:

School district

Power company

Students & teachers

Neighbors

Stormwater Treatment



installation funded by
L.A. Department of
Water & Power



& Groundwater Recharge



Trees, grass, and mulch

Multipurpose, Multiple Benefits

Infiltration occurs beneath new playing field



Educating at Community Events

TreePeople has years of experience in community outreach, neighborhood organization, and education on environmental issues.





Sun Valley Watershed

[Home](#) | [Meetings/Events](#) | [Get Involved](#) | [Demo Sites/Pilot Projects](#) | [Stakeholders](#)
[Timelines/Decisions](#) | [Resources](#) | [Project Funding](#) | [Newsletters](#) | [FAQs](#)

Welcome to SunValleywatershed.org!

The mission of the Sun Valley Watershed Stakeholders Group is to solve the local flooding problem while retaining all stormwater runoff from the watershed, increasing water conservation, recreational opportunities, and wildlife habitat, and reducing stormwater pollution.

This site is under construction and should be up and running by July 1. In the meantime, we hope you'll find this introduction to the Sun Valley Watershed Project informative and useful. Check back early in April for a new issue of the project newsletter, *Watershed Events*.

Sun Valley is a district of the northeast San Fernando Valley, known to many Angelenos as the site of gravel pits and



Flooding is a serious problem in Sun Valley; the San Fernando/Tuxford intersection is one of the perennial trouble spots.

SHELDONS PIT:

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**Public Scoping
for the
Sun Valley Watershed Management Plan
Draft Program
Environmental Impact Report (EIR)**



Definitions

- **CEQA - California Environmental Quality Act**
- **EIR - Environmental Impact Report**
- **NOP - Notice of Preparation**
- **IES - Initial Environmental Study**

CEQA Review is Required for Public Projects

CEQA Objectives Include:

- **Disclose Impacts**
- **Prevent Environmental Damage**
- **Disclose Agency Decisions**
- **Enhance Public Participation**
- **Foster Intergovernmental Coordination**

Public Involvement is an Essential Feature of CEQA

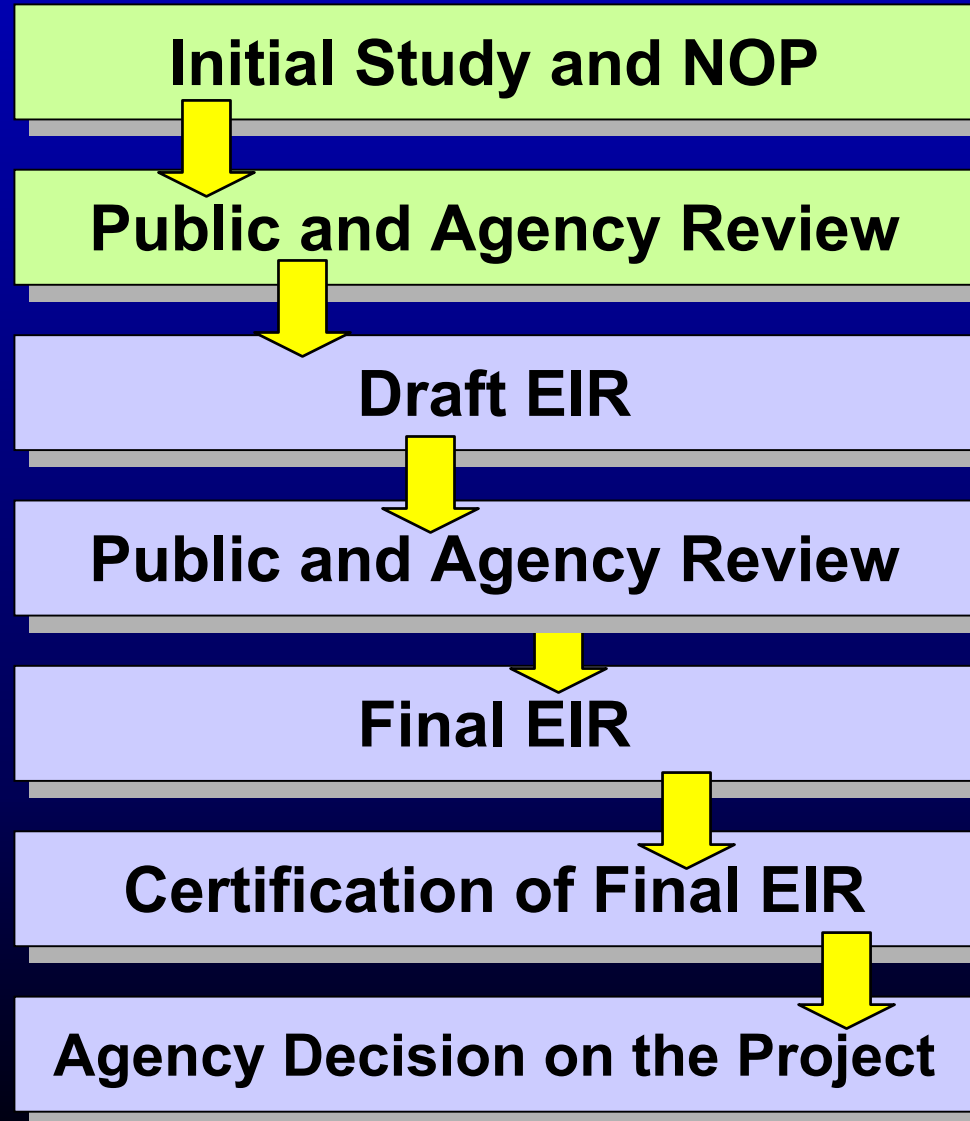


A Program EIR Considers Overall Impacts of a Group of Related Actions

- The components of the Watershed Management Plan constitute a series of actions
- Allows Tiered CEQA review process



EIR Process



Documents Can Be Reviewed At:

Local Libraries

or

www.sunvalleywatershed.org



Sun Valley Watershed

EIR Discussion Will Include: Water Resources Impacts

- **Surface Water Quality Project Benefits**
- **Groundwater Quality
Potential Impacts**



Construction-Related Impacts

- Noise
- Air Quality
- Traffic



Other Environmental Impact Topics

- **Geology, Soils, Seismicity**
- **Cultural Resources**
- **Biological Resources**
- **Recreation**
- **Land Use**
- **Aesthetics**
- **Energy and Utilities**

**Written Comments on EIR Scope are due
by December 10, 2002**

Send Comments To:

**Vik Bapna
Los Angeles County DPW
Watershed Management Division
P.O. Box 1460
Alhambra, CA 91802**

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